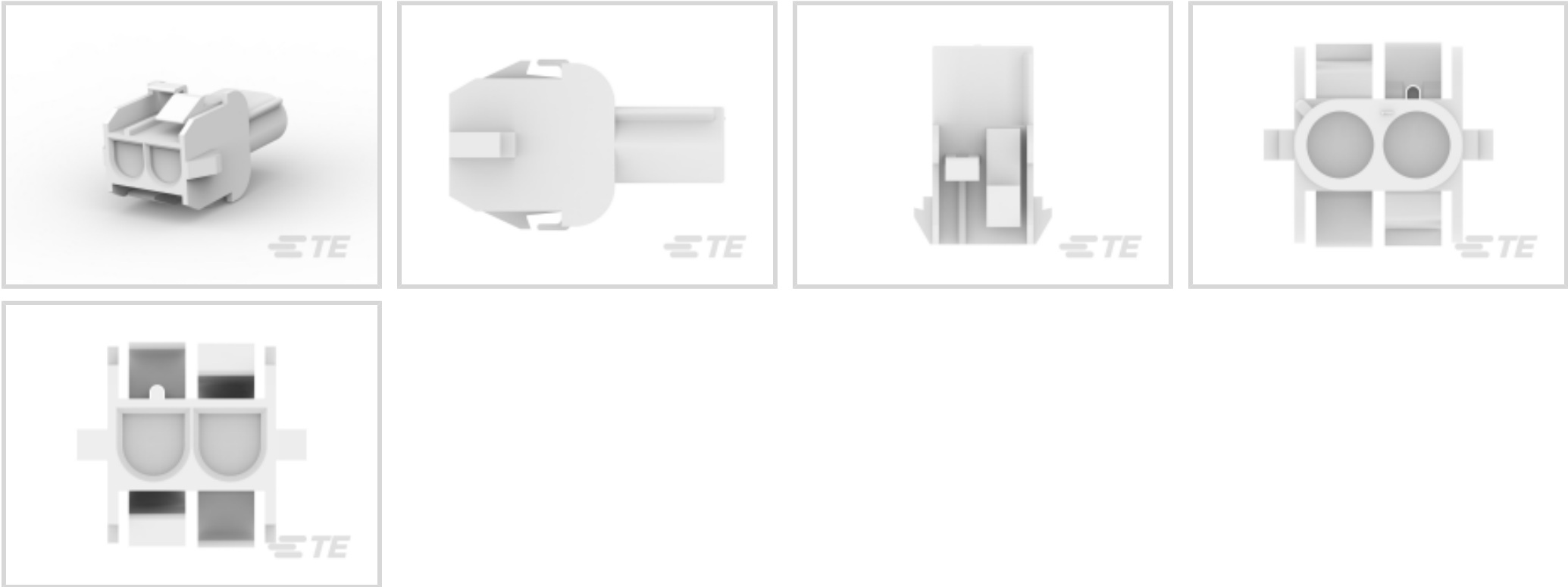




Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Receptacle**

Connector System: **Wire-to-Panel, Wire-to-Wire**

Number of Positions: **2**

Centerline (Pitch): **6.35 mm [.25 in]**

Features

Product Type Features

Rectangular Power Connector Type	Housing
Connector & Housing Type	Receptacle
Connector System	Wire-to-Panel, Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	2
Number of Power Positions	0
Number of Signal Positions	0
Number of Rows	1

Electrical Characteristics

Operating Voltage	600 VAC
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Contact Features

Contact Layout	Inline
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Multiple Contact Types	Without
Contact Retention Within Housing	Without
Contact Type	Pin

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Panel Mount Feature	With
Panel Mount Feature Type	Latches
Connector Mounting Type	Panel Mount

Housing Features

Centerline (Pitch)	6.35 mm[.25 in]
Housing Color	Natural
Housing Material	PA 66

Dimensions

Panel Thickness	.76 – 2.29 mm[.03 – .09 in]
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Usage Conditions

Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]
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Operation/Application

Assembly Integration Feature	Without
Circuit Application	Power & Signal

Identification Marking

Circuit Identification Feature	With
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Industry Standards

CSA Rating	Certified
UL Flammability Rating	UL 94V-0
Glow Wire Rating	GWT 750°C (Without Flame)
Agency/Standard Number	E28476
Agency/Standard	CSA, UL
UL Rating	Recognized
CSA File Number	LR7189
VDE Tested	Yes



Packaging Features

Packaging Method	Bag
Packaging Quantity	2000

Other

For Use With	Appropriate Universal MATE-N-LOK Cap or Header
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Product Compliance

For compliance documentation, visit the product page on [TE.com](#)>

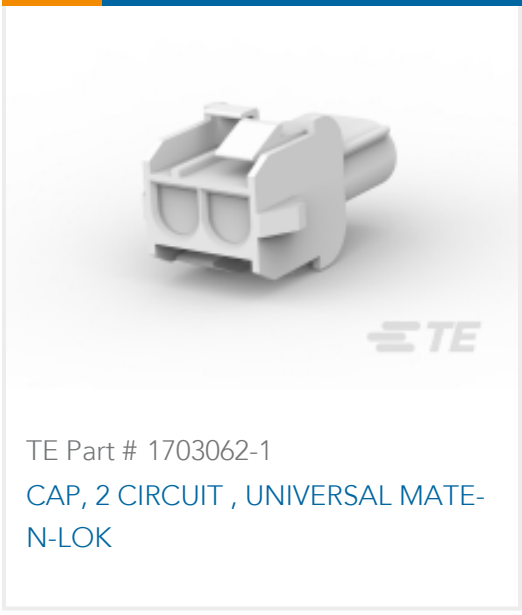
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2022 (223) Candidate List Declared Against: JAN 2022 (223) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not reviewed for solder process capability

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts



 TE Part # 1586953-1 02P UMNL PIN HDR ASSY NATL, GW	 TE Part # 2029000-1 02P UMNL HDR SHRT TAIL, NDH	 TE Part # 794815-1 02P UMNL CAP HSG, HI TEMP	 TE Part # 1-1703061-2 PLUG, 2 CIRCUIT, UNIVERSAL MATE-N-LOK
 TE Part # 1703062-1 CAP, 2 CIRCUIT, UNIVERSAL MATE-N-LOK	 TE Part # 1586856-1 02P UMNL CAP HSG, GW	 TE Part # 1586161-1 02P UMNL HDR 94VO NDH	 TE Part # 1586866-1 02P UMNL HDR ASSY V2, GW
 TE Part # 643250-1 02P UMNL ASSY MOD HSG V0	 TE Part # 1586137-1 02P UMNL PIN HDR POL NAT NDH	 TE Part # 1586889-1 02P UMNL HDR ASSY R/A, GW	 TE Part # 1586890-1 02P UMNL HDR ASSY R/A, GW
 TE Part # 1703062-2 CAP, 2 CIRCUIT, UNIVERSAL MATE-N-LOK	 TE Part # 1703062-3 CAP, 2 CIRCUIT, UNIVERSAL MATE-N-LOK	 TE Part # 1703062-4 CAP, 2 CIRCUIT, UNIVERSAL MATE-N-LOK	 TE Part # 1969801-1 03P UMNL HDR ASSY R/A, PIN V0 GW
 TE Part # 1969802-1 03P UMNL HDR ASSY R/A, SCKT V0 GW	 TE Part # 1969810-1 05P UMNL HDR ASSY R/A, SCKT V0 GW	 TE Part # 2-480699-0 02P UMNL CAP HSG NATL	 TE Part # 2178649-1 2P UMNL CAP HSG, GW

Also in the Series | Universal MATE-N-LOK



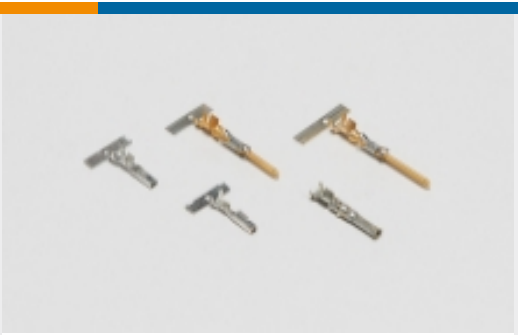
Circular Power Connectors(2)



Connector Contacts(11)



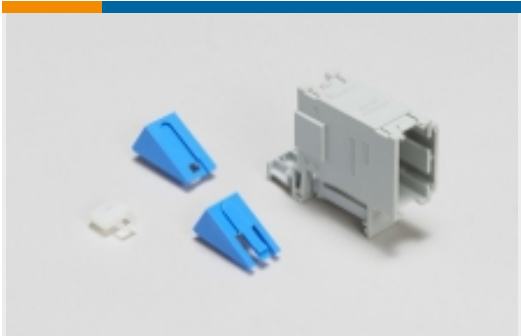
Insertion & Extraction Tools(4)



Power Contacts(207)



Rectangular Boots & Strain Relief(35)



Rectangular Connector Adapters(7)



Rectangular Connector Hardware(1)



Rectangular Connector Housings(2)



Rectangular Connector Keying Plugs(3)



Rectangular Connector Locking(4)



Rectangular Connector Seals(26)



Rectangular Power Connectors(729)

Customers Also Bought



TE Part #926298-6
UNML PLUG 4WAY



TE Part #927231-5
UNML CAP HSG 9WAY



TE Part #1-1863003-2
UMNL 9WAY PLUG HOUSING



TE Part #150500-2
110 MINI FASTON,REC.,24-20 AWG, TPBR



TE Part #1703062-1
CAP, 2 CIRCUIT , UNIVERSAL MATE-N-LOK



TE Part #1-1355897-1
4pos MQS .63 header 90deg



TE Part #8-735075-0
250 FASTON HSG. REC. 1P NATURAL



TE Part #350810-2
05P UMNL CAP HSG



Documents

Product Drawings

CAP, 2 CIRCUIT , UNIVERSAL MATE-N-LOK

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1703062-2_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1703062-2_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1703062-2_B.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

Glow Wire, V-0 Universal MATE-N-LOK Connector Housings Flyer

English

Product Environmental Compliance

MD_1-1703062-2_102420182334_dmtec

English

MD_1-1703062-2_102420182334_dmtec

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

VDE Certificate

English